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Extracting Erosion and Exhumation Patterns from Detrital Thermochronology

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2018

document version

Publisher's PDF, also known as Version of record

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citation for published version (APA)

Gemignani, L. (2018). *Extracting Erosion and Exhumation Patterns from Detrital Thermochronology: an example from the eastern Himalaya*. [PhD-Thesis - Research and graduation internal, Vrije Universiteit Amsterdam].

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Rivers transport key information that can be used as a proxy to infer the evolution of the landscape of eroding mountain ranges. Detrital thermochronology aims at shedding new light about the timing of past tectonic events, fixing their rates. The Himalaya is a natural laboratory where studying those processes and contemplate the magnificence of the Nature.



Extracting position and extension from positional theoretical knowledge



Extracting erosion and exhumation patterns from detrital thermochronology

an example from the eastern Himalaya

